marantz®

THE RANGE 2007-2008

Journey to *excellence*

because music matters

www.marantz.eu

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Moments
beyond time

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Lights, camera, *action*

When you next look at a high-quality screen – look closer. Does it seem like you are looking through an extremely clean window? Is each line clear and sharp? Are the colours natural, the blacks truly black? And is the sound real, the music rich and deep? If so, you're probably experiencing a Marantz TV, with its high brightness, strong contrast, and natural colours. Cutting edge in both, technology and design, each model with premium quality panel to reveal each and every detail.
An audiovisual feast and an entrancing emotional experience.

LC4602e

LCD TV

- 46 inch LCD high resolution flat TV
- Full HD with 1920 x 1080 resolution
- High contrast ratio > 5000:1 with high brightness of 500 cd
- Outperforming video processing for superior picture quality
- Natural colour reproduction technology
- Precise de-interlacing for best artefact free images
- DVB-T and analogue tuner built in for high quality audio and video
- Electronic Programme Guide via DVB-T
- Compatible with all European PAL/SECAM broadcast standards
- Teletext with TOP/FLOP
- Multiple image adjustment options and preset picture modes
- 3x HDMI connectivity for digital video (HDCP conform)
- Multiple audio and video inputs including RGBhv and Component
- Multilanguage OSD
- Detachable speaker system
- Dedicated remote control

LC4202e

LCD TV

- 42 inch LCD high resolution flat TV
- Full HD with 1920 x 1080 resolution
- High contrast ratio > 5000:1 with high brightness of 500 cd
- High speed pixel response of only 6 ms
- Outperforming video processing for superior picture quality
- Natural colour reproduction technology
- Precise de-interlacing for best artefact free images
- DVB-T and analogue tuner built in for high quality audio and video
- Electronic Programme Guide via DVB-T
- Teletext with TOP/FLOP
- Compatible with all European PAL/SECAM broadcast standards
- 3x HDMI connectivity for digital video (HDCP conform)
- Multiple audio and video inputs including RGBhv and Component
- Detachable speaker system
- Dedicated remote control

Going *places*

Times are changing. New high definition formats are here and more are coming. They promise a truly richer experience with greater intensity. To ensure you can enjoy the full sensation, this year's Marantz AV products have new multichannel 7.1 PCM decoders. All Marantz receivers can handle the high resolution audio signal from HD sources. And are ready for the future.

In addition, Marantz AV products include the HDMI repeater function and a special video conversion that enables an easy single-cable connection between receiver and TV. Audyssey technology automates set-up and corrects room acoustics with equalizer functions. And as you would expect everything is fully compatible with our wide range of DVD players. What's more, because each complete system is made of separate components, you can customise your system exactly as you want. And, if you are looking for a multiroom solution without running wires check out the innovative WEAVE system.

SR8002

AV RECEIVER

- THX Select2 certified Current Feedback AV-Receiver delivering 7x 125 Watts rms
- Dolby Digital Plus, Dolby TrueHD, DTS HD and 7.1 Multichannel PCM for HD Audio
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Audio enhancer for all compressed audio formats as MP-3, WAV, AAC, etc
- Neural Surround, Dolby Headphone and Dolby Virtual Speaker II
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- Four HDMI1.3 input for digital audio and video including deep colour support
- Two HDMI1.3 output direct selectable via remote or RS232
- High grade video conversion with line memory up to HDMI level
- Huge Toroidal transformer with shielding for instant current delivery capability
- Copper plated chassis for lowest impedance grounding at any point
- Customized components for best sound performance in stereo and multichannel
- Two independent Zones for multi room/multi source audio and video (1x up to component level)
- RC101 for multi room use or as simple remote for main room included (see page 37)
- Surround Back speaker for multi room assignable
- Speaker C function for real bi-amping of front channel in 5.1 set-up
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS232c port, Flasher in, IR Flasher out, IR receiver in and DC triggers for system integration
- RC8001SR learnable system remote control with macro functions and backlit

Supporting the latest standards

With the advent of HD-DVD and Blu-ray Disc™, new High Definition (HD) Audio signals are available, which offer more details, more effects, and more realism in sound on up to 7.1 independent channel. The new HD Audio standards coming are called Dolby Digital Plus, Dolby TrueHD and DTS HD. There are two ways for decoding the digital HD Audio signal. First is by dedicated decoder for the new formats built into the AV receiver like on SR8002 and SR7002. The second option is to use the HD Audio signal in 7.1 Multichannel PCM format, which is created by the HD-DVD or Blu-ray Disc™ player out of the Dolby Digital Plus, Dolby TrueHD or DTS HD signal. There is no loss on information or resolution – no degradation in sound quality.

All Marantz AV receivers with HDMI input support the High Definition Audio 7.1 Multichannel PCM signal. All are ready for the future HD Audio.

SR7002

AV RECEIVER

- THX Select2 certified Current Feedback AV-Receiver delivering 7x 110 Watts rms
- Dolby Digital Plus, Dolby TrueHD, DTS HD and 7.1 Multichannel PCM for HD Audio
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Audio enhancer for all compressed audio formats as MP-3, WAV, AAC, etc
- Neural Surround, Dolby Headphone and Dolby Virtual Speaker II
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- Four HDMI1.3 input for digital audio and video including deep colour support
- Two HDMI1.3 output direct selectable via remote or RS232
- High grade video conversion with line memory up to HDMI level
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- One independent Zone for multi room/multi source audio and video
- RC101 for multi room use or as simple remote for main room included (see page 37)
- Surround Back speaker for multi room assignable
- Speaker C function for real bi-amping of front channel in 5.1 set-up
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS232c port, Flasher in and DC triggers for system integration
- Input function rename for customisation
- RC8001SR learnable system remote control with macro functions and backlit

SR6001

AV RECEIVER

- Full discrete wide range current Feedback AV-Receiver delivering 7x 100 Watts rms
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- 7.1 Multichannel PCM decoding for High Definition (HD) Audio from Blu-ray Disc™ or HD DVD
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- SA-CD multichannel DSD signal support via HDMI input
- 2 in / 1 out HDMI repeater for digital audio and video
- High grade video conversion with line memory up to HDMI
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- 1 Zone multi room / multi source for audio - Surround Back for multi room assignable
- Speaker C function for real bi-amping of front channel in 5.1 set-up
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS232c port, IR flasher inputs and DC triggers for system integration
- Learnable and pre-programmed system remote control with backlit

SR5002

AV RECEIVER

- Full discrete wide range amplifiers delivering 7x 90 Watts rms
- MRAC with high precision microphone for one touch auto speaker set-up
- 7.1 Multichannel PCM decoding for High Definition (HD) Audio from Blu-ray Disc™ or HD DVD
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- 3 in / 1 out HDMI repeater for digital audio and video
- 192 kHz / 24-bit D/A converters on all channels
- HT-EQ (Cinema equalization) and Dolby Headphone
- Clear OSD menu structure and ease of use due to front panel cursor control
- Video conversion up to component level
- Pure direct mode for best audio performance
- Sound delay function to sync audio and video
- Multi room / multi source for audio, pre out and multi speaker mode
- RS232c, IR Flasher port and DC trigger for system integration
- Learnable and pre-programmed system remote control with backlit

SR4002

AV RECEIVER

- Full discrete wide range amplifiers delivering 7x 80 Watts rms
- MRAC with high precision microphone for one touch auto speaker set-up
- 7.1 Multichannel PCM decoding for High Definition (HD) Audio from Blu-ray Disc™ or HD DVD
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- 2 in / 1 out HDMI repeater for digital audio and video
- 192 kHz / 24-bit D/A converters on all channels
- HT-EQ (Cinema equalization) and Dolby Headphone
- Clear OSD menu structure and ease of use due to front panel cursor control
- Video conversion up to component level
- Pure direct mode for best audio performance
- Learnable and pre-programmed system remote control with backlit

SR3001

AV RECEIVER

- Full discrete wide range amplifiers delivering 7x 70 Watts rms
- Easy Set-up guide-function for uncomplicated installation
- Ease of use due to front panel cursor control
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- HDCD compatible
- SRS TruSurround and XT Headphone surround
- Component video switching
- Surround Back amplifier useable as speaker B in 5.1 set-up
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Adjustable cross-over settings for optimised performance of speakers and subwoofer
- Pre-programmed system remote control

DV7001

UNIVERSAL DVD PLAYER

- Superior playback of SA-CD, CD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- 216 MHz / 12-bit video DAC for greatest video quality
- Noise Shaped Video technology for sharp and detailed pictures
- High Definition Multimedia Interface (HDMI) for full digital video and audio
- High definition video scaling on HDMI from 480p up to 1080p
- RGB normal or expand and component 4:4:4 or 4:2:2 for HDMI out
- DCDi by Faroudja® for motion pictures without artefacts
- 10 bit interlace to progressive conversion
- Dedicated audio board for best audio with high performance 192 kHz / 24bit DACs
- Marantz Hyper Dynamic Amplifier Modules (HDAM) and high grade audio components
- Direct DSD path for best Super Audio CD performance
- Bi-directional RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus

DV6001

UNIVERSAL DVD PLAYER

- Top quality playback of SA-CD, CD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- New 216 MHz / 12-bit video DAC for finest video signal resolution
- HDMI for digital video and digital multi channel audio
- High definition video scaling on HDMI from 480p up to 1080p
- DCDi by Faroudja® processing for PAL and NTSC progressive scan
- Noise Shaped Video technology for sharp and detailed pictures
- Extended video adjustment for personal set up
- 192 kHz / 24-bit DAC for all 6 channels
- Video on/off for best audio
- Audio CD Up-Sampling for better sound on standard CDs
- Solid metal front panel and double bottom plate for more stability
- Bi-directional RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus

DV4001

DVD PLAYER

- Best quality playback of DVD-V and CD
- Compatible with DivX 6.0, SVCD, WMA, MP3, JPEG HD, DVD-R/RW and +R/RW
- 108 MHz / 12-bit video DAC for very well video signal resolution
- HDMI for digital video and digital multi channel audio
- High definition video scaling on HDMI up to 1080i
- Extended video adjustment for personal set up
- Multiple video connectivity including HDMI, scart RBG and component
- 192 kHz / 24-bit DAC for finest audio performance
- Video on/off for best audio
- Audio CD Up-Sampling for better sound on standard CDs
- Solid metal front panel and double bottom plate
- Bi-directional RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus

DV3002

DVD PLAYER

- Finest quality playback of DVD-V and CD
- Compatible with DivX 6.0, SVCD, WMA, MP3, JPEG HD, DVD-R/RW and +R/RW
- 108 MHz / 12-bit video DAC for very well video signal resolution
- HDMI for digital video and digital multichannel audio
- High definition video scaling on HDMI up to 1080i
- Extended video adjustment for personal set up
- Multiple video connectivity including HDMI, scart RBG and component
- 192 kHz / 24-bit DAC for good audio performance
- Video on/off for best audio
- Audio CD Up-Sampling for better sound on standard CDs
- Solid metal front panel
- Dedicated remote control

Music *everywhere*

Marantz introduces ~WEAVE~, the plug-and-play audio system that delivers high fidelity music to any room in your home. It uses the hard-wired network that every house has: the mains electricity supply. Simply plug in your ~WEAVE~ equipment and listen to music anywhere you please. There are no cables to install. And none of the interferences that can plague wireless set-ups. What's more, multi-room communication between ~WEAVE~ audio components begins the moment you plug them in, providing simple, but sublime plug-and-play audio.

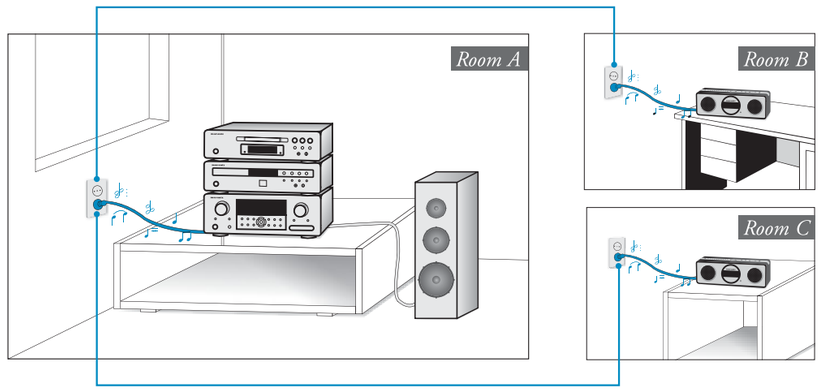
How it works

~WEAVE~ delivers great sounds from your existing home entertainment centre to any room in your house. All you need is a mains outlet, a Marantz PLC (Power Line Communication) AV receiver (ZR6001), and a Marantz Client (ZC4001).

From one unit and from anywhere in your home, the remote-controlled Client ZC4001 accesses your main home entertainment system the moment it is plugged in, allowing you to control tuners, CD-Players and other connected components. And because the ZC4001 is lightweight and portable, you can simply move it from room to room and enjoy audio transmissions from your main home-entertainment set-up. Alternatively, you can add up to six more units to whichever rooms you choose.

Feeding the Client (ZC4001) is the PLC AV receiver ZR6001. This not only acts as the centrepiece of the main home-entertainment system, but also transmits audio signals to every room in your house - just by being plugged in. There has never been an easier way to fill your house with top quality entertainment.

Awarded the Plus X, by Media Society Network, Germany



ZC4001 WEAVE ZONE CLIENT

- ~WEAVE~ client with built in stereo amplifier
- Large display with RDS station name indication (when available from ZR6001)
- High quality speaker system
- SRS WOW sound enhancement and Bass Boost
- Direct source access buttons for ZR6001 inputs
- Control buttons (play, stop, pause, next)
- Cursor leaf for further control options
- Local input to connect for example a MP3 player or IS201 (page 33)
- Clock, sleep and wake-up timers
- Built in IR receiver to be controlled via remote (optional RC101)

ZR6001 WEAVE AV RECEIVER

- ~WEAVE~ Entertainment AV Receiver with PLC technology
- Audio distribution in the whole house via the power line – no additional wiring
- Up to 6 clients ZC4001 can be controlled – means 7 rooms with music via one system
- All connected clients will have the same signal at one time, while listening something different via the main set-up
- Other brand components can be connected and controlled
- AV functionality: Wide range amplifiers delivering 7x 90 Watts rms
- DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx, Dolby Headphone
- Video conversion with line memory up to component level
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Sound delay function to sync audio and video
- RS232c, Flasher in and IR Flasher out port for system integration
- Pre-programmed system remote control

Beyond time
and place

There are occasions when you simply want that extra touch of class. When you desire more. For those occasions, turn to Marantz KI signature products.

KI signature products

The KI Signature Series, by audio guru Ken Ishiwata, is synonymous with exceptional sound quality and ultra-fine electronics. Each KI Signature model receives Ken's personal attention, and takes audio exhilaration to new levels. But how does he decide which standard Marantz product should have an alter-ego KI special?

First, Ken inspects, tests, and appraises every new model that Marantz engineers develop. These products are purpose-designed to answer customer needs in terms of price and performance – but occasionally Ken discovers one that has within it the promise of more. "From time to time," Ken says, "you come across a new product that has greater potential; it has the rudiments of greatness. I try to develop that greatness by experimenting with alternative components, seeing how far I can go, searching for reproduction perfection – and all regardless of cost."

He may start by simply substituting the standard transformer and chassis with a Toroidal transformer and copper plated chassis. The Toroidal is more efficient and more capable of providing the correct power instantly. While the copper plating will reduce impedance and noise. "These basic improvements cost money, but the difference in sound quality is well worth it."

Then he applies different electronic components to achieve an optimised musical balance. But it's not just a question of switching to more expensive components, as Ken explains: "Each element must work in harmony with the rest, they must be carefully selected to ensure they work in complete harmony. After all, we are dealing with music."

The result is a truly no-compromise masterpiece. An icon of perfection. "It's worth it," says Ken. "Because music matters."

PM7001 KI

INTEGRATED STEREO AMPLIFIER

- KI Signature version of the PM7001
- Purist reproduction expressing the essence and emotion of music
- 2x 75 Watts rms power amplification
- Current Feedback technology for fast signal handling and extended frequency range
- Toroidal transformer for instantaneously current delivery capability
- Customized components and symmetric circuit architecture for best balanced audio
- Copper plated chassis and back panel for lowest impedance grounding
- Marantz Current Feedback Hyper Dynamic Amplifier Modules HDAM-SA2
- Source Direct function for best sound quality to bypass tone control if wanted
- Pre Out / Main In, six audio inputs including phono EQ (MM)
- Newly developed phono EQ (MM) board of enormous quality
- Full recording out selector and two pair of speaker output - A/B
- System remote control and Marantz D-Bus

SA7001 KI

SA-CD PLAYER

- KI Signature version of the SA7001 SA-CD (stereo) and CD-DA player
- Purist reproduction expressing the essence and emotion of music
- Toroidal transformer for instantaneously current delivery capability
- Customized audio components for best balanced audio
- Copper plated chassis and back panel for lowest impedance grounding
- Audiophile D/A conversion by the CS4397 'super DAC'
- Symmetric discrete circuit architecture and Marantz HDAM
- Dedicated power supplies for system blocks to avoid any interference on audio signal
- Zero impedance matching joint for line outputs guarantees same grounding level
- Gold plated outputs for best connectivity
- Display off function to minimized high frequency noise interference
- High quality headphone with fast current buffer output
- Dedicated remote and Marantz D-Bus

Music
all around

Enjoy the very best that two channels have to offer, with this year's collection of Marantz stereo products. Everything you need is here: classic build, elegant looks and top-quality sound with rich, accurate reproduction every time. New to the range is the PM6002, which comes with a Toroidal transformer – a *first* for a standard Range product. Also new is the CD6002 with traditional HDAM (Hyper Dynamic Amplifier Module) technology for outstanding performance. Stereo has never sounded so good.

PM7001

INTEGRATED STEREO AMPLIFIER

- Current Feedback 2x 75 Watts rms power amplification
- Fast signal handling and extended frequency range
- Marantz Current feedback Hyper Dynamic Amplifier Modules (HDAM)
- Symmetric circuit architecture
- Linear Drive Power Supply
- High-grade audio components
- Source Direct function for best sound quality
- Full recording out selector
- Six audio inputs including Phono (MM)
- Tone control
- Pre Out / Main In connectivity
- Two pair of speaker terminals - output A/B
- System remote control and Marantz D-Bus

PM6002

INTEGRATED STEREO AMPLIFIER

- Latest integrated amplifier from the Marantz audio product development department
- 2x 45 Watts rms power amplification
- Low impedance Toroidal transformer for instantaneously current delivery capability
- Power supply with 2x 10000 µF customized main capacitors and Shottky diodes
- Customized audio components for best balanced audio
- Music reproduction close to original recording
- Fully symmetrical circuit architecture
- Source Direct function for best sound quality to bypass tone control
- Two pair of heavy gold plated speaker terminals - output A/B
- Six audio inputs including phono (MM) and full recording out selector
- Headphone output
- Solid metal front panel and rigid chassis construction
- Dedicated remote and Marantz D-Bus

SA7001

SA-CD PLAYER

- SA-CD (stereo) and CD, CD-R/RW playback
- EISA Award 2006-2007 winner as best product in category Audio Player
- Audiophile D/A conversion by the CS4397 'super DAC'
- Marantz' Current Feedback Hyper Dynamic Amplifier Modules
- Separated power supply circuits for analogue and digital section
- Customized audio components for best balanced audio
- Zero impedance matching joint for line outputs guarantees same grounding level
- Gold plated outputs for best connectivity
- Symmetric discrete circuit architecture
- Display off function to minimized high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote and Marantz D-Bus

CD6002

CD-PLAYER

- Latest CD-Player from the Marantz audio product development department
- Compatible with CD DA and CD-R/RW discs
- Playback of MP3 and WMA files
- CD-Text on front panel display
- High quality DA conversion with CS4398
- Audio circuit with Marantz HDAMs derived from SA-15S1
- Customized audio components for best balanced audio
- Oversized transformer for stable power supply
- Display off function to minimized high frequency noise interference
- Gold plated stereo audio out and coaxial digital out cinch sockets
- Headphone circuit with high speed audio buffer amplifier
- Solid metal front panel and rigid chassis construction with heavy metal plate
- Dedicated remote and Marantz D-Bus

PM4001

INTEGRATED STEREO AMPLIFIER

- 2x 40 Watts rms power amplification
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- High-grade audio components
- Full recording out selector
- Tape monitor function
- Tone control
- Source Direct function
- Two pair of speaker terminals - output A/B
- Six audio inputs including Phono (MM)
- Headphone output
- System remote control and Marantz D-Bus

CD5001

CD-PLAYER

- Compatible with CD and CD-R/RW discs
- Solid metal front panel and rigid chassis construction
- CD-Text on front panel display (when available)
- Multi-bit D/A conversion via CS4392 DAC
- Selected audio components
- Display off function to minimized high frequency noise interference
- Headphone output
- Digital coaxial and optical outputs
- Auto Music Scan
- Pitch control
- Dedicated remote control and Marantz D-Bus

ST7001

DAB STEREO TUNER

- DAB digital dual band and analogue Tuner
- DAB Band III and Band L
- Stereo FM and MW reception
- Radio Data System (RDS) function
- 192 kHz / 24-bit audio DAC
- Selected audio components for best sound
- Optical and Coaxial digital output
- Optical RDI (Radio Data Interface) output
- Jog-shuttle control
- Solid metal front panel and rigid chassis construction
- Manual station name input
- Two hundred presets across all wavebands
- Sleep and timer function
- Dedicated remote control and Marantz D-Bus

ST6001

STEREO TUNER

- Drift-free stereo FM, MW and LW reception
- Radio Data System (RDS) function
- Dual gate MOS-FET front end
- Solid metal front panel and rigid chassis construction
- High grade audio components for best sound
- IF bandwidth selector for best selectivity
- Two FM antenna inputs switch able
- Manual station name input
- Sixty presets across all wavebands
- Display dimmer (via external RC)
- Sleep and timer function
- Marantz D-Bus

SR4021

STEREO RECEIVER

- 2x 80 Watts rms power amplification
- RDS FM/AM tuner with 30 random presets
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- Separate solid heatsinks
- Tone control and Source Direct function
- Pre-output and main-input for upgrade possibilities
- Eight audio inputs including Phono (MM) and three record out
- Video switching via four audio / video inputs and a monitor output
- Sleep and timer function
- Two pair of speaker terminals - output A/B
- Flasher In and three sets IR code for system integration
- System remote control and Marantz D-Bus

CC4001

CD CHANGER

- Five disc CD changer with fast disc access
- Compatible with CD and CD-R/RW discs
- MP3 playability
- Multi-bit D/A conversion via CS4392 DAC
- Solid metal front panel and rigid chassis construction
- Stable low resonance mechanism mounted on solid metal chassis
- Headphone output with adjustable volume
- Digital coaxial and optical outputs
- Auto Music Scan
- Random and program play
- RS232c and Flasher In ports for system integration
- Dedicated remote control with direct disc access and Marantz D-Bus

TT-42

TURNTABLE

- Fully automatic turntable system
- Low noise design direct coupled DC servo motor
- Belt-drive system
- Low colouration tone arm
- Fully floating chassis
- Fully automatic end-of-side arm lift
- Manual start and cue control
- Two speed selection
- Ready fitted MM cartridge
- Tone arm support with arm lock
- Transparent dust cover

SD4051

CASSETTE DECK

- Twin auto reverse cassette deck
- Super-hard perm alloy heads
- Automatic tape selector
- Dolby B and HX Pro
- MPX filter
- High-speed dubbing
- One touch recording
- Fine bias tuning possibility
- Synchronized recording with Marantz CD-Players
- Pitch control
- Marantz D-Bus for synchrony recording only
- IR-receiver built in

Wide-open spaces *in a compact cabinet*

First introduced two years ago year, the Marantz range of compact integrated high fidelity stereo systems has won great popularity, thanks to their superb performance and space-saving size. Their advanced functionality, such as DAB and MP3 playback, perfectly complements their stylish look and simple elegance. To complement these compact systems Marantz also offers the IS201 universal docking station for iPod: the only dock for iPod that is compatible with every audio system – be it a high-end AV separates system, a 'cinema-in-a-box' or even a simple stereo amplifier and TV system. Enjoy.

CR601

DAB-CD-RECEIVER

- High performance DAB CD-Receiver system with 2x 30 Watts power amplification
- Dual DAB Band III & Band L, Stereo FM and AM reception
- RDS function with station name and radio text indication
- Automatic tuning function for easy radio channel installation with total 99 presets
- High quality playback of CD and CD-R/RW, as well as MP3 playback
- Clock and Sleep timer function
- Headphone output, tone control and source direct function
- Several in- and outputs, including subwoofer out for system expansion
- Easy to use button layout on front panel operation
- Solid metal front panel and dedicated remote control

IS201

DOCKING STATION FOR IPOD

- Compatible with iPod nano, iPod video, iPod mini, iPod photo and iPod (10 GB, 15 GB, 20 GB, 30 GB, 40 GB, 60 GB, 80 GB)
- S-Video out and stereo audio out
- Creates own OSD information on TV set for ease of use
- Connection to each brand product possible
- Connection case separate from cradle to alleviate cable clutter
- Cradle can be desktop placed or wall mounted
- iPod will be charged while docking; power adapter included
- Ease of use by dedicated remote control
- Full controllability via Marantz learning remote
- Multi-connectivity: RC-5 remote in/out; flasher in; RS232
- Built-in infra-red (IR) receiver so can be used as IR repeater (IR-92 successor) for multi room or custom installations

CR401

CD-RECEIVER

- High quality CD-Receiver system with 2x 30 Watts (6 ohm rms)
- Stereo FM and AM reception
- RDS function with station name and radio text indication
- Automatic tuning function for easy radio channel installation with total 99 presets
- High quality playback of CD and CD-R/RW, as well as MP3 playback
- Clock and Sleep timer function
- Headphone output, tone control and source direct function
- Several in- and outputs, including subwoofer out for system expansion
- Easy to use button layout on front panel operation
- Solid metal front panel and dedicated remote control

Time and *place*

At Marantz we listen to our customers. We listen to their needs for perfect reproduction… and for perfect, but effortless control. That's why we continually upgrade our range of state-of-the-art remote controllers.

The most recent addition, the RC9001, is our flagship controller for the more demanding users. It comes with a large colour display and Wi-Fi capability for bi-directional communication. While the new RC3001 provides a highly flexible solution with backlight for easy operation in the dark and IR/RF transmission. Also new is the Marantz RC101, which supports the multi room feature of our receivers. This controller is also easy to use for all systems (stereo as well as audio/video) with fewer buttons.

RC9001 PROGRAMMABLE TOUCH SCREEN REMOTE CONTROL

- Flagship colour touch screen remote for the more demanding of users
- Free editable screen for creation of personal user interfaces
- 3.8 inch (9.6 cm) large colour touch screen TFT display (VGA 640 x 480)
- IR & Wi-Fi command transmission
- Customisable by dedicated PC software
- Macro programming possibility under any button
- 100% Editable screen and transparent graphics for easy background integration
- Large 64Mb non-volatile memory
- 2-way communication for easy control of music server, lighting system or other AV products with RS232c connectivity in combination with RX9001
- USB communication port for PC connectivity
- Rechargeable lithium-ion battery – exchangeable by customer
- Docking station for battery loading and power adaptor

RX8001 WI-FI EXTENDER

- Wi-Fi 802.11b/g and/or wired network IR extender
- Full control of hidden system or from a different location – multi room application
- Plug and Play with RC9001 - Automatic Wi-Fi to IR conversion
- Programmable by webserver (crossover cable – PC to PC)
- 4x addressable IR ports – power adjustable
- Selectable extender ID for use of several RX8001 in parallel
- 2x IR emitters cable, 2x IR mini jack cable and power adapter included
- Compact table-top housing

RX9001 NETWORK EXTENDER

- Full control over the whole house installation by computer network
- Extremely flexible interface for use of CI specialist in demanding installation
- DHCP & fixed IP supported for flexible network configuration
- Quick and easy set-up
- Advanced connectivity: 4 addressable IR ports, 4 RS232 serial interface, 4 relay outputs, 4 input power sensors, 1 voltage output
- Programmable by webserver (crossover cable – PC to PC)
- Standard 19 inch rack-mountable housing

RC3001 PROGRAMMABLE LCD DISPLAY REMOTE CONTROL

- Highly flexible remote control with LCD display
- Programmable direct access hard buttons and cursor control
- Display and buttons with backlit for easy operation in dark environments
- Macro programming possibilities
- PC editable by sophisticated programming software
- Wide range of learnable IR frequencies up to 455 kHz
- IR / RF transmission capability – RF extender with 6 IR emitter included
- Full control of hidden system or from a different location – multi room application
- USB communication port for PC connectivity
- Rechargeable batteries and power adaptor included

RC101 LEARNABLE MULTI ROOM REMOTE CONTROL

- New pre-programmed and learnable remote for multi room and main room control
- 4 zone modes selectable
- Zone 1, 2 and 3 are available for multi room application
- Zone 4 is set to control main room key functions
- Easy control of power, input and volume
- Marantz RC-5 / RC-6 pre-coded (instant use)
- Multi-brand pre-coded database for easy adoption of other brands
- Direct learning function for customisation
- Backlit for convenience use in dark environments
- Ergonomic button layout

TECHNICAL GLOSSARY & ICONS

AUDIO TECHNOLOGY

3-STAGE AMPLIFICATION
The 3-stage amplification concept offers an extremely wide frequency range needed for the high resolution formats like SA-CD and DVD-A. In addition it influences the overall performance in relation to speed and accuracy. The first amplification stage is built into the pre amplifier followed by a voltage amplification and the third and final is the power output stage to guarantee high current output driving speakers more vividly and dynamically.

AUDYSSEY
Audyssey is an acoustic measurement technology which equalizes the acoustic distortion caused by the acoustic behaviour of a room. When you experience Audyssey equalization, a cloudy layer is lifted away, leaving only clear, accurate, natural sound. Voices and dialog become focused and intelligible. Musical balance is restored. Musical instruments and sound effects become precisely localized. Surround soundstage is made seamless and enveloping. And the best at least, all the measurements and parameter settings will be done fully automatically with a high quality microphone and a sophisticated audio processing technology started via the setup menu of the AV-Receiver.

CHOKE INPUT TOPOLOGY
In the power supply section, the choke input topology is adopted to drastically reduce rectifier harmonic noise and to reduce the influence of distortion from the mains power network. This system is especially suitable for a control amplifier in which very small signal amplification occurs.

COPPER PLATED CHASSIS
A copper plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more important, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible.

COPPER SHIELDING
Some section of a player or amplifier might produce high frequency distortion or electromagnetic radiation. To eliminate this negative effect causing signal distortion we add in certain products additional copper shielding to protect the sensitive areas or parts, improving the overall sound quality.

CURRENT FEEDBACK
Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier insensitive to difficult loudspeaker loads.

CUSTOMIZED COMPONENTS
On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers.

DIGITAL AUDIO BROADCASTING (DAB)
DAB is a digital radio system. It offers near CD-quality sound, more stations, additional radio and data services and therefore wider choice of programs, the ease of tuning and interference-free reception for the listener, plus the information potential of data, graphics and text. DAB is broadcast on terrestrial networks, and you are able to receive it using solely a tiny nondirectional stub antenna.

DVD-AUDIO
DVD-Audio is a music format that takes advantage of the high storage capacity of the DVD to present high quality audio up to six channels. For six channel amplification, DVD-Audio provides the possibility to have 24-bit-96 kHz audio information for all six channels, which results in an increased dynamic range (144 dB) and an increased frequency range (0-96 kHz). In stereo mode DVD-Audio expands the limit of the sampling rate to 192 kHz. The higher the bit-rate and the sampling frequency the more accurate the reproduction of the original recorded piece of music can be done.

GMR - GIANT MAGNETIC RESISTOR
The Giant Magnetic Resistor is a technology comparable with an optical coupler, that makes it possible to separate two section of a product galvanic. The GMR outperforms the optical coupler when it comes to high frequencies. This big benefit is used in this player to separate the digital section from the analogue one and this even on the ground level. No high frequency distortion to the sensitive audio signal; no influence to the power for the audio stages.

HYPER DYNAMIC AMPLIFIER MODULES (HDAM)
Marantz developed its own discrete circuit boards to replace the IC's. These HDAMs consist of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but out-perform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz developed different types of the HDAM to improve quality which can be found back in the different versions.

LINEAR VOLUME CONTROL
Linear volume control offers minimal cross talk with a very precise volume adjustment over a range from 0 dB to 100 dB with a gang error less than +/- 0.5 dB.

MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)
Based on our room acoustics knowledge and expertise already shown in previous products the Marantz Room Acoustic Calibration (MRAC) was developed. Taking into account reflections from walls, ceiling and floor and our knowledge about psycho-acoustics, MRAC optimizes the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyzes accurately and sets the sound configuration for your listening room fully automatically. MRAC can test and control speaker configuration, speaker size, trim and distance/delay. All for best sound and easy set-up.

SUPER AUDIO CD
Super Audio CD (SA-CD) is a next generation of music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SA-CD player. SA-CD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the SA-CD to offer a frequency range up to 100 KHz and a dynamic range of 120 dB.

SYMMETRICAL CIRCUIT LAYOUT
To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout.

TOROIDAL TRANSFORMER
Toroidal transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low all ending in a better sound quality.

ZERO IMPEDANCE MATCHING JOINT
Improves the signal to noise ratio significantly by adding a copper plated bracket across the output terminals of the player providing the best ground contact possible.

VIDEO TECHNOLOGY

DCDi
The DCDi (Directional Correlation De-interlacing) technology by Faroudja improves the video image by using new motion adaptive de-interlacing without introducing motion artifacts and jagged edges. This circuit provides edge and detail enhancement without the deleterious side effects.

Deep Color™
Deep Color™ lets HDTVs and other displays go from millions of colors to billions of colors allowing consumers to enjoy unprecedented vividness and accuracy of color on their displays. Deep Color™ eliminates on-screen color banding, for smooth tonal transitions and subtle gradations between colors. It enables increased contrast ratio, and can represent many times more shades of gray between black and white.

DVB-T
This product is equipped with a DVB-T tuner. Digital Video Broadcast - Terrestrial is transmission of digital video information through the air. The video signals can be compressed by MPEG1 or MPEG2 codec. Benefits of DVB-T are video quality up to DVD level and audio quality up to CD level. Further nice and useful features are subtitle and EPG. EPG is the electronic program guide offering full information on the current broadcasting and even for one week in advance not to miss any important movie, sport event or the latest news. In the area where distributed a small antenna is even enough to receive the broadcasting. No need of a satellite dish or a large antenna.

DivX
DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD player it is easy to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX 6.0. The new DivX offers enhanced multimedia and interactive features such as subtitling, DVD-esque video menus and chapter points. Video files created in the new format are handily identified by a new file extension, divx. Please check capability per product in the specification section.

DUAL IRIS SYSTEM
The Dual Iris system incorporates an electronic iris in the projection lens and an electronic iris in the illumination optics, which is a unique feature. Regarding the electric iris in the projection lens, two positions are available: a mode emphasizing contrast by reducing the aperture (F6.0) and a mode emphasizing brightness (F3.0) by opening the aperture wider. A similar makeup has been added to the light engine. Both systems together offer a wide variety on application. In the real cinema set up the first choice of course will F6.0 for the lens and the illumination optics. However in certain circumstances it might need a higher light output, for example if the room isn't completely dark or the walls are painted white and reflecting the light of the screen. This smart technique guarantees best picture performance with Marantz projectors in any circumstances.

HDMI CONVERSION WITH IP PROCESSING
Video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material. A one to one analogue to digital conversion might cause some problems in daily use, because interlace video signals like 576i will be outputted as 576i digital, but some today's TV sets can't understand this signal. To avoid problems an IP-processing is applied, changing the signal from interlace to progressive - 576i will be processed into 576p. This signal will be easily understand by each TV set.

HDTV ready
HDTV ready products ensure that they are capable of handling HD (high definition) content with the full resolution. Therefore the requirements are a native resolution of at least 720 lines, a 16:9 aspect ratio, component video input with 720p & 1080i (50 Hz/60 Hz) handling and DVI or HDMI digital input with HDCP (high definition content protection). HDTV ready guarantees full enjoyment of high-definition video.

HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)
HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. HDMI is the only interface in consumer electronics that can carry both high-definition video and multi-channel audio e.g. Dolby Digital and DTS) in all HD formats, including 720p, 1080i and even the upcoming 1080p. With only a single cable connection all information can be digitally transmitted. The HDMI1.1 is able to transport the high resolution DVD-A data as well. With HDMI1.2 the transmission of high resolution stereo and multichannel information of SA-CD completes the portfolio. And the latest HDMI1.3 supports higher resolution audio formats as Dolby Digital Plus, Dolby TrueHD and DTS-HD - offers a higher bandwith for higher framerates and extended degradation in colour space.

LIP SYNC
The digital processing and scaling of video displays can create a slight delay in the video signal. This delay makes audio tracks appear out of synch. Using sound delay (Lip Sync) you can slow the sound presentation to match the presentation of the video.

NOISE SHAPING VIDEO (NSV)
Provides the most accurate video signal representation and enhances the picture quality by shifting unwanted noise in a non-visible area.

TRUE HD 1080p
1080p is the short name for a category of video modes. The number 1080 stands for 1080 lines of vertical resolution, while the letter p stands for progressive scan or non-interlaced. 1080p is the resolution possible for HDTV. The term usually assumes a widescreen aspect ratio of 16:9, implying a horizontal (display) resolution of 1920 lines and a frame resolution of 1920 x 1080 or over two million pixels. 1080p is the digital standard for filming digital motion pictures. Directors such as George Lucas (in Star Wars: Episode III) shoot their digital films in this high definition mode to be shown in theaters equipped with 1080p digital projectors. With products carrying this icon you can enjoy any single pixel of the movie.

PROGRESSIVE SCAN
Compared to a conventional interlaced picture, progressive scanning creates a picture signal with double the scan lines, resulting in a noticeably sharper image.
The progressive image offers higher picture resolution and eliminates virtually all motion artifacts. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can enjoy extended viewing without eye fatigue.

VIDEO CONVERSION
Analogue video signals feed to the AV-Receiver in Composite, S-Video or Component format will be up- or down-converted to the monitor video output of another format. This feature allows you to connect any source via a single AV-Receiver and run one cable to the TV set. Please check specification area for details on conversion direction. For perfect synchronization the high quality video converter is equipped with digital video processing consisting of for example; 4 H line memory, time based corrector, a triple 10-bit DAC, filed locking, VCR detection and anti aliasing filtering. This will be indicated by the "line memory" beneath the icon.

VISUAL EXCELLENCE PROCESSING
Gennum's VXP offers stunning image quality by applying the most advanced image processing techniques to all SD, HD and graphics signals including content adaptive de-interlacing of HDTV 1080i signals. The internal adaptive de-interlacer sets a new standard for motion processing, film mode detection and dynamic directional edge processing. The four key technologies are:

TruMotionHD
De-interlacing technology that makes input signals progressive, converting them from interlaced to non-interlaced sequentially. TruMotionHD also reduces chroma upsampling errors caused by MPEG decoders of DVD players.

FineEdge
FineEdge refers to edge enhancement (correction and emphasis) and adaptive processing. This processing smoothes image edges extremely well, especially lines running diagonally. In combination with the TruMotionHD the picture will be of an extraordinary sharpness and stability.

RealityExpansion
The GF9351 uses 10-bit processing for all signal processing, a technique called RealityExpansion. 10-bit processing produces exceptionally better gradation than typical 8-bit processing, raising the number of colours to a higher order of magnitude from 16.77 million to more than a billion. With the increased number of possible colors the reproduced pictures appear much more natural.

FidelityEngine
Detail emphasis and noise reduction are provided by what is called the FidelityEngine. This technology cuts noise without reducing the sense of picture resolution. For low-resolution images that are not sharp, the FidelityEngine adds emphasis to details, producing clarity.

SOUND FORMATS

DOLBY DIGITAL EX
Dolby Digital EX brings a dimension of depth, spacious ambience and sound localization to home theater environment. The benefits of DD-EX include more realistic fly-over and fly-around effects from an additional rear center speaker (6.1), providing a more stable image for atmospheres and music and a more consistent surround effect throughout the auditorium or home viewing area.

DOLBY HEADPHONE
Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1-channel soundtrack through any set of stereo headphones. Best of all, "listener fatigue," a phenomenon commonly associated with headphone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours.

DOLBY PRO LOGIC IIx
Dolby Pro Logic IIx is a complete surround sound solution that maximizes the entertainment experience from stereo as well as 5.1-channel encoded sources. Dolby Pro Logic IIx technology features Movie and Music modes that function with 5.1 as well as stereo sources, including 24-bit/192 kHz and 24-bit/96 kHz sources. Dolby Pro Logic IIx technology delivers a natural and immersing 7.1-channel listening experience to the home theater environment.

DTS ES 96/24 Neo:6
The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo:6 is to create 6.1 surround stage from any two channel source. DTS 96/24 allows for 5.1 channel sound track encoding at a rate of 96 kHz/24-bits on DVD-Video titles. Higher sampling rates provide greater bit depth and allow a wider frequency response. In conjunction with the use of anti-alias and reconstruction filters DTS 94/24, this results in a more transparent sound quality equivalent to the original soundtrack and is fully backwards compatible at the same time.

HD - 7.1 PCM MULTICHANNEL
HD - 7.1 PCM Multichannel offers the full high definition / high resolution sound from Blu-ray Disc™ or HD-DVD even if the decoders for the HD Audio formats Dolby Digital Plus, Dolby TrueHD and DTS-HD aren't built into the receiver. How? The player has the option to convert the HD Audio signal into a up to 7.1 PCM Multichannel 24-bit / 96 kHz signal, which will be transmitted via the HDMI cable. The conversion is lossless so you will enjoy every single bit of high definition sound. In the Marantz receiver high quality 24-bit / 96 kHz digital to analogue converter will take care of the signal. This is compareable to the DTS-HD transmitted signal.

HD AUDIO DECODERS
HD-Audio Decoders covers the new sound formats coming with the emerge of the high definition (HD) video player Blu-ray Disc™ and HD DVD. For detailed information on the new formats please see below. Marantz has optimised its receiver to handle this sensible signal with highest accuracy not to lose any detail on information to give you the full experience of the new HD Audio.

DolbyTrueHD
DolbyTrueHD is Dolby's next-generation lossless technology developed for high-definition disc-based media. DolbyTrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before. DolbyTrueHD has been selected by the DVD Forum as a standard for HD DVD, and is also available for use in Blu-ray Disc™ players and media. DolbyTrueHD is supported by HDMI™, the new single-cable digital connection for high-definition audio and video that eliminates the confusion of multiple connectors. DolbyTrueHD will be transportable over version 1.3 of HDMI and is compatible with version 1.1 as an output HD 7.1 PCM multichannel signal for AV receivers.

Dolby Digital Plus
Dolby Digital Plus offers new levels of enhanced audio resolution and fidelity, further complementing the superior video performance of Blu-ray Disc™ and HD DVD. These extensions to the existing Dolby Digital format extend the peak 640 kbps data rate to 3 Mbps and beyond. Dolby Digital Plus is also designed with the flexibility to permit future channel expansion beyond the traditional 5.1-channel model, to 7.1 discrete channels or more.

DTS-HD
DTS-HD is an optional format for all Blu-ray Disc™ and HD DVD products.
The unique DTS-HD core extension design allows for DTS-HD to deliver incredible performance and flexibility. DTS-HD High Resolution Audio delivers audio at high constant bit rates superior to standard DVDs—6.0 Mbps on Blu-ray Discs™ and 3.0 Mbps on HD-DVD to produce outstanding sound quality. It is capable of delivering up to 7.1 channels at 96k sampling frequency/24-bit depth resolution.

SRS CIRCLE SURROUND II
Circle Surround II is a powerful and versatile multi-channel technology designed to enable up to 6.1 multi-channel surround-sound playback from mono, stereo, CS encoded sources and other matrix encoded sources. CS-II places the listener "inside" the music performances and dramatically improves the separation and image positioning of both hi-fi audio conventional surround-encoded video material, adding a heightened sense of realism.

SRS WOW
SRS WOW™ improves the dynamic audio performance of compressed audio, expands the size of the audio image and improves the perception of low frequency sound. These improvements provide the listener with an engaging and powerful representation of the audio performance.

THX Select2
When you see the THX logo, you are selecting superior performance for exceptional entertainment experiences. THX Select2 incorporates two additional processing technologies: Advanced Speaker Array (A.S.A.) and Boundary Gain Compensation (B.G.C). ASA is a proprietary of THX technology which processes the sound fed into 2 surround and 2 surround back speakers to provide the optimum in enveloping surround sound reproduction. When placing the 2 surround back speakers close to each other and build your home theater setup using 8 speakers, ASA will create the largest possible sweet spot in your surround sound field. Boundary Gain Compensation provides an optimized bass balance in case the listening room layout results in most of the listeners being seated close to the rear wall. This technology prevents a 'boomy' bass yet processes the appropriate bass reinforcement.

CI FRIENDLY INSTALLATION

CI-Ready
CI-Ready indicates that the products is equipped with connection like RS-232, Flasher Out, IR Receiver in, DC-Trigger and similar used especially in the Custom Installation area. The RS232 for example is a communication port direct to the micro processor of the device. It is possible to control the component and get status feedback via this connection without any visual contact and even offers a way to update the system software if needed. Marantz products have dedicated remote codes and RS232 codes for any function including discrete power on / off.

D-BUS
To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without IR-receiver like tuners or hidden system together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller.

DC-TRIGGER
A DC trigger is an assignable voltage output which can automatically control for example an electrical projection screen, lowering it when the DVD input is choosen on the receiver.

IR-FLASHER
The IR-Flasher In is a standardized connection to control the AV system by external IR receivers independent of the infra red control format used. On the IR-Flasher out a IR-Emitter can be connected to control third brand components. The third connection link to this is the IR-Receiver input which is similar to the IR-Flasher In, but it outputs a voltage to feed an external IR-Receiver eye. Please check capability per product in the specification section.

MULTI ROOM / MULTI SOURCE
With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in two separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example in the main room a DVD can be played back with multichannel surround, while in a second room music can be enjoyed from a CD-Player connect and a third room can have audio and video coming from the connected satellite set-top box - all at the same time - all independently. Please check specification section for number of zones.

RF TRANSMISSION
The RF transmission of control commands makes it possible to control the equipment like amplifier, CD / DVD-Player or similar, even if there is no direct visual contact. It might be that the equipment is set up in the next room or hidden in a cupboard. The remote will sent out radio frequency (RF) like a radio station and this signal will be received by a small box converting it back into infra red (IR) signals to control the equipment.

2-WAY Wi-Fi
Wi-Fi, also called IEEE802.11, is a RF transmission (please see explanation above) as well, but it is opens much more possibilities. As RF is working on a frequency of 433 MHz it is 2.4 GHz with Wi-Fi. This means a much wider bandwidth is available for transmitting the signals and it can be used in both directions. The remote can send signals to control the equipment, but also can receive information from the equipment when available. The communication is bi-directional or 2-way. The Wi-Fi technology is also used for wireless computer networks. For the use with RC9001 for example this means direct playback from WMA files stored on a PC which is linked to the Wi-Fi network or browsing the contents of a music server and several other application possibilities: lighting-, climat-, security control, etc.

WEAVE
WEAVE is a new way of Marantz making multi room / multi source function of our receiver accessible. It is easy Plug & Play - without running additional wires through the house, because it is using the mains network to distribute the audio and control signals. WEAVE is standing for Wired Entertainment Accessible Via Electricity. The technology applied is also know under PLC - power line communication. All sources connected to the main setup can be listened to via the clients in the other rooms of the house as well. And of course it can be controlled as well. The sound quality is on CD level, because everything is digital.

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

PLC AV Receiver

	ZR6001
FEATURES	
MULTICHANNEL SURROUND	
DTS 5.1 / DTS ES / DTS 96/24	•/•/•
Dolby Digital / Dolby Digital EX / DPL / DPL II / DPL IIx	•/•/•/•/•
Circle Surround II	•
Virtual Surround / Multichannel Stereo	•/•
HT-EQ / Re-EQ	•/-
Headphone Surround	Dolby Headphone
HDCD Decoder	•
~WEAVE~ multi room	
PLC Technology	•
Modulation Method	Multi carrier
Frequency Band	2 MHz - 20 MHz
SOUND ENHANCEMENTS	
Current Feedback Topology	•
Real full channel power drive (70%)	•
Discrete Amplification (All)	•
Pure Direct	•
DAC (192 kHz / 24-bit / 96 kHz / 24-bit)	•/-
Digital Processing: (32-bit / 64-bit)	•/-
High Grade Audio Components	•
Chassis : (Die-cast / Copper plated / Metal)	-/-/•
OTHERS	
MRAC (Marantz Room Accoustic Corrections)	-
Easy setup	•
Front panel cursor control	•
On Screen Display: main room / multi room	•/-
Variable cross over	•
Lip sync control	•
Video conversion	• (CVBS < > S > Comp)
HDMI: video switching	-
Multiroom zones	1
Speaker A/B	-
Tuner	1
Random Tuner Presets	50
RDS: PTY /PS / CT / TA / TP	•/•/-/-/-
Auto TV Switching (On/Off)	•
Discrete RC coding (main room / multi room)	•/•
RS232C (control / update)	•/•
INPUTS / OUTPUTS	
VIDEO	
Composite In / out	5/3
S-Video In / out	5/3
Component In / out	2/1
HDMI In / Out (version x.x)	-/-
Multi Room Video Out: CVBS / S-Video / Component	-/-/-
AUDIO	
Analogue In / out	8/4
Digital Optical In / out	2/1
Digital Coaxial In / out	2/1
Multi Room Audio Out	1
Pre Out / Main In (7.1ch)	•/-
Multichannel in	•
Headphone Out	•
OTHER	
Speaker Terminal: Gold plated screw / regular screw (all)	-/•
Multi Room Speaker Terminal	•
Multi Room D.Bus In / out	•
D.Bus In / out	•
IR Receiver In / Emitter Out	-/4
IR Flasher In	•
RS232C	•
Front Inputs: Audio / Composite / S-Video / Digital (Opt)	•/•/•/-
iPod input (direct / docking station)	-/•
SPECIFICATIONS	
AUDIO SECTION	
Power Output (8/4 ohm rms)	90/- W
Signal to Noise Ratio	105 dB
D/A Converter	CS4382
Digital Signal Processor	CS494003
TUNER SECTION FM	
Frequency Range	87.5 - 108.00 MHz
Signal to Noise Ratio (mono / stereo)	75/70 dB
TUNER SECTION AM	
Frequency Range	531-1602 kHz
Signal to Noise Ratio	50 dB

PLC AV Receiver

	ZR6001
VIDEO SECTION	
Input level / impedance	1 Vp-p / 75 ohm
Output level / impedance	1 Vp-p / 75 ohm
Video frequency response	5-30 MHz
Component frequency response	5 to 80 MHz
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/•/•
Metal Front Panel	•
System Remote Control	RC5500SR
Pre-programmed / Learnable / Touchscreen	•/-/-
Power Consumption	600 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 463 x 163 mm
Weight	13 kg

Audio Client

	ZC4001
FEATURES	
~WEAVE~ multi room	
PLC Technology	•
Modulation Method	Multi carrier
Frequency Band	2 MHz - 20 MHz
SOUND ENHANCEMENTS	
SRS WOW	•
OTHERS	
Easy setup	•
Direct source selection	•
Direct control buttons	•
Cursor leaf control	•
RDS-Text display	•
Clock	•
Sleep Timer	•
Wake Up Timer	•
Display Dimmer	•
IN/OUTPUTS	
Local Input	•
RS232C (update)	•
GENERAL	
Colour	Silver-Brown
Metal Front Panel	•
Power Output	2x 10 W
Remote controllable	•
Maximum Dimensions (W x D x H)	362 x 112 x 128 mm
Weight	3 kg

LCD TV

	LC4602e	LC4202e
FEATURES		
DVB-T digtal TV tuner	•	•
MHEG5 support	•	•
Analogue TV tuner	•	•
Colour Transmission Systems	PAL B/G, D/K, I, SECAM B/G, D/K, L	PAL B/G, D/K, I, SECAM B/G, D/K, L
Multinorm	•	•
HDTV ready (720p / 1080i / 1080p)	•/•/•	•/•/•
Supported PC Resolution: (VGA / SVGA / XGA / WXGA / SXGA)	•/•/•/•/•	•/•/•/•/•
Channel Presets	99	99
Speakers System (fix / detachable)	-/•	-/•
PICTURE PROCESSING		
Progressive Scan	•	•
Film mode detection	•	•
Noise Reduction	•	•
Colour Temperature (standard / warm / cool)	•/2/2	•/2/2
Control: (Sharpness / Contrast / Brightness / Colour / Tint)	•/•/•/•/•	•/•/•/•/•
Selectable Aspect Ratio Modes	•	•
Picture Modes (Standard / Natural / Dynamik / User)	•/•/•/•	•/•/•/•
PIP (multiple screen / swap / size / position)	•/•/•/•	•/•/•/•
SOUND PROCESSING		
Sound System: A2 Sterep / Nicam Stereo	•/•	•/•
Digital Signal Processing	•	•
Bass/Treble Control	- (via Equalizer)	- (via Equalizer)
Sound Equalizer (Standard, Music, Movie, News, User)	•	•
Language I-II Selection	•	•
Virtual surround	•	•
AVL (Automatic Volume Level)	•	•
OTHERS		
Multilanguage On Screen Display (En, De, Fr, Sp, It)	•	•
PIP/POP/Double window	•/-/•	•/-/•
Channel Surf Loop	•	•
Automatic Tuning System	•	•
Manual Channel Sorting (editing / naming)	•	•
Fine Tune	•	•
Sleep Timer	•	•
Teletext (TT)	•	•
TT Page Memory	252	252
Still picture	•	•
Auto Power Off	•	•
Key Lock	•	•
INPUTS / OUTPUTS		
DVi (HDCP)	-	-
HDMI (HDCP)	3	3
Scart In/out (RGB)	2 (1 RGB)	2 (1 RGB)
Component In (Y, Cb/Pb, Cr/Pr)	1	1
S-video In	1	1
Composite	1	1
VGA In	1	1
Audio In VGA (stereo RCA)	1	1
Antenna In	1	1
CAM (conditional access module) Slot	-	-
Card Reader	-	-
Subwoofer out	-	-
Headphone out	-	-
Audio Out (Constant level)	1	1
Digital Audio Out on DVB (opt. / coax.)	•/•	•/•
RS232 (control / update)	•/•	•/•
SPECIFICATIONS		
Visible Screen Diagonal	46 inch	42 inch
Aspect Ratio	16:9	16:9
Viewing angle: Hor. / Ver.	178 / 178	178 / 178
Resolution	1920 x 1080	1920 x 1080
Contrast Ratio (Dark Room)	> 5000:1	> 5000:1
Brightness	500 cd/m2	500 cd/m2
Response time	6 ms	6 ms
A-Class panel	•	•
Output Power (8 ohm rms)	2ch 10 W	2ch 10 W
Power input voltage	AC 100 V-240 V 50/60 Hz	AC 100 V-240 V 50/60 Hz
GENERAL		
Colour	black	black
Remote	•	•
Power Consumption (typical)	260 W	230 W
Standby Consumption	<2 W	<2 W
Tablestand included	•	•
Wallmount included	-	-
Dimensions (excl. table stand) (W x D x H)	1143 x 115 x 773 mm	1057 x 115 x 725 mm
Dimensions (incl. table stand) (W x D x H)	1143 x 350 x 845 mm	1057 x 350 x 796 mm
Weight (incl. table stand)	36,7 kg	32,6 kg

TECHNICAL INFORMATION

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AV Receiver

	SR8002	SR7002	SR6001	SR5002	SR4002	SR3001
MULTICHANNEL SURROUND						
THX Ultra II / Select II	-/•	-/•	-/-	-/-	-/-	-/-
THX Surround EX	•	•	-	-	-	-
DTS HD / DTS 5.1 / DTS ES / DTS 96/24	•/•/•/•	•/•/•/•	-/•/•/•	-/•/•/•	-/•/•/•	-/•/•/•
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIx	•/•/•/•	•/•/•/•	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
7.1 PCM 24bit/96 kHz decoding for Blu-ray Disc™ and HD-DVD	•	•	•	•	•	-
Circle Surround II / Neural Surround	•/•	•/•	•/-	•/-	•/-	•/-
Virtual Surround / Multichannel Stereo	•(Dolby VS)/•	•(Dolby VS)/•	•(Dolby VS)/•	•/•	•/•	•/•
HT-EQ / Re-EQ	-/•	-/•	•/-	•/-	•/-	•/-
Dolby Headphone / TruSurround Headphone	•/-	•/-	•/-	•/-	•/-	-/•
Compressed audio Enhancer (MP3, WMA, ACC, iPod)	•	•	-	-	-	-
SOUND ENHANCEMENTS						
Current Feedback Topology	•	•	•	-	-	-
Pure Direct	•	•	•	•	•	•
Power Transformer: Super Ring / Toroidal/EI	-/•/-	-/-/•	-/-/•	-/-/•	-/-/•	-/-/•
High Grade Audio Components	•	•	•	-	-	-
Chassis: (Die-cast / Copper plated / Metal)	-/•/-	-/-/•	-/-/•	-/-/•	-/-/•	-/-/•
OTHERS						
Auto speaker setup by microphone	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	MRAC	MRAC	- (easy setup)
Front panel cursor control	•	•	•	•	•	•
On Screen Display: main room / multi room	•/•	•/•	•/-	•/-	•/-	-/-
Variable cross over	8	8	8	5	5	5
Lip sync control	•	•	•	•	-	-
Video conversion (> up, < down)	• (CVBS < > S < > Comp >HDMI)	• (CVBS < > S < > Comp >HDMI)	• (CVBS < > S < > Comp >HDMI)	• (CVBS < > S > Comp)	• (CVBS < S > Comp)	-
T.B.C. - time base correction	•	•	•	-	-	-
Multiroom zones	2	1	1	1	-	-
Speaker A/B	•	•	•	•	-	-
Bi-amp drive (5.1 ch setting) / Speaker C	•/•	•/•	•/•	•/•	•/-	-/-
Tuner	1	1	1	1	1	1
Auto TV Switching (On / Off)	•	•	•	•	•	-
Discrete RC coding (main room / multi room)	•/•	•/•	•/•	•/•	•/-	•/-
RS232C (control / update)	•/•	•/•	•/•	•/•	-/-	-/-
VIDEO						
Composite In / Out	4/3	4/3	4/2	4/2	4/2	4/3
S-Video In / Out	4/3	4/3	4/2	4/2	4/2	2/2
Component In / Out	4/2	4/2	4/1	3/2	3/1	2/1
HDMI In / Out (version x.x)	4/2(V1.3)	4/2(V1.3)	2/1(V1.2)	3/1 (V1.1)	2/1 (V1.1)	-/-
HDMI V1.3 Deep Color™	•	•	-	-	-	-
Multi Room Video Out: CVBS / S-Video / Component	•/-/•	•/-/-	-/-/-	-/-/-	-/-/-	-/-/-
AUDIO						
Analogue In / Out	6/4	6/4	6/4	7/3	7/3	7/4
Digital Optical In / Out	3/1	3/1	3/1	3/1	2/1	1/-
Digital Coaxial In / Out	3/1	3/1	2/1	2/-	2/-	2/-
Digital audio by HDMI	•	•	•	•	•	-
Multi Room Audio Out	2	1	1	1	-	-
Pre Out / Main In (7.1ch)	•/-	•/-	•/-	•/-	•/-	-/-
Multichannel in	•	•	•	•	•	•
OTHER						
Speaker Terminal: Gold plated screw / regular screw (all)	-/•	-/•	-/•	-/•	-/•	-/•
Multi Room Speaker Terminal	•	•	•	•	-	-
Multi Room D.Bus In / Out	•	•	•	-	-	-
D.Bus In / Out	•	•	•	•	•	•
IR Receiver In / Emitter Out	1/2	-/-	-/-	-/-	-/-	-/-
IR Flasher In	1	1	1	1	-	-
RS232C	•	•	•	•	-	-
DC Triggers	2	2	1	1	-	-
Front Inputs: Audio / Composite / S-Video / Digital (Opt)	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	-/-/-/-
i-Pod input (direct / docking station)	-/•	-/•	-/•	-/•	-/•	-/•
SPECIFICATIONS						
Power Output (8/4 ohm rms)	125/- W	110/- W	100/- W	90/- W	80/- W	70/- W
Audio Signal to Noise Ratio	105 dB	105 dB	105 dB	105 dB	105 dB	105 dB
FM Tuner	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz
Component video frequency response	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz
GENERAL						
Available colours: Platinum / Gold / Silver / Black	-/-/•/-	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•	•	•	•
System Remote Control	RC8001SR	RC8001SR	RC5001SR	RC5001SR	RC5001SR	RC5500SR
Pre-programmed / Learnable / Touchscreen	•/•/-	•/•/-	•/•/-	•/•/-	•/•/-	•/-/-
Multiroom remote (included / optional)	RC101 (•/-)	RC101 (•/-)	RC101 (-/•)	RC101 (-/•)	-	-
Power Consumption	650 W	620 W	620 W	600 W	500 W	300 W
Detachable Power Cable	•	•	•	•	•	-
Maximum Dimensions (W x D x H)	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 384 x 160 mm	440 x 384 x 160 mm	440 x 384 x 160 mm
Weight	15.0 kg	15.0 kg	15.0 kg	12.3 kg	11.4 kg	11.1 kg

RC8001SR

RC5001SR

SR8002

SR7002

SR6001

SR5002

SR4002

SR3001

TECHNICAL INFORMATION

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DVD Players

	DV7001	DV6001	DV4001
FEATURES			
MULTICHANNEL/SURROUND			
Decoder: DD / DTS / DTS96/24 / DVD-A / SA-CD	•/•/•/•/•	•/•/•/•/•	•/-/-/-/-
Virtual surround	•	•	•
Headphone surround	-	-	-
AUDIO/VIDEO ENHANCEMENTS			
Pal 60 Conversion	•	•	•
Progressive Scan: PAL / NTSC	•/•	•/•	•/•
Video Scaling on HDMI: 480i / 480p / 576i / 576p / 720p / 1080i / 1080p	-/•/-/•/•/•/•	-/•/-/•/•/•/•	-/•/-/•/•/•/-
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD / WMA / MP3 / DivX	•/•/-/•/•/•/•	•/•/-/•/•/•/•	•/•/-/-/•/•/•
VCD Compatibility: VCD / VCD 2.0 / SVCD	•/•/•	•/•/•	•/•/•
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW / DivX	•/•/•/•/•/•	•/•/•/•/•/•	•/-/•/•/•/•
Image Disc Compatibility: JPEG / Picture CD	•/•	•/•	•/•
HDAM: Standard / SA / Current Feedback	•/-/-	-/-/-	-/-/-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-/-/-/•	-/-/-/-	-/-/-/-
Audio exclusive mode	•	•	•
Dedicated High Grade Audio Power Supply	•	-	-
Power Transformer: Toroidal / EI	-/•	-/-	-/-
High Grade Audio Components	•	•	-
Customised Components	•	-	-
Copper Plated Chassis	-	-	-
System block shielding: Copper plated / Metal / none	-/-/•	-/-/•	-/-/•
Chassis : Die-cast / Copper plated / Metal	-/-/•	-/-/•	-/-/•
Double Layer Bottom Plate	•	•	•
OTHERS			
HDMI video adjustments	•	•	•
Selectable HDMI output level (normal / expand)	•	•	•
Analogue Video Adjustment	•	•	•
Auto Aspect Ratio	•	•	•
Bass-Management (SA-CD/DVD-A)	•/•	•/•	-/-
Multi Language OSD	•	•	•
Multi Channel Down Mix: MPEG2 / DD / DTS / DVD-Audio / SA-CD	•/•/•/•/•	•/•/•/•/•	•/•/-/-/-
RS232C (control / update)	•/•	•/•	•/•
INPUTS / OUTPUTS			
VIDEO			
Composite Out	2	1	1
S-Video Out	1	1	1
Component Out	1	1	1
Gold Plated Cinch (Video)	•	•	-
Scart (RGB)	1	1	1
HDMI (version x.x)	1.1	1.1	1.0
AUDIO			
Scart	1	1	1
Analogue Out (Cinch)	1	1	1
Multi channel out (5.1)	•	•	-
Gold Plated Cinch	•	•	-
Digital Coaxial Out	1	1	1
Digital Optical Out	1	-	-
OTHER			
D.Bus In /Out	•	•	•
RS232C	•	•	•
SPECIFICATIONS			
D/A convertion (video)	216 MHz/12-bit	216 MHz/12-bit	108 MHz/12-bit
D/A converter (video)	ADV7320	ADV7320	MTK1389HD
D/A convertion (audio)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)
D/A converter (audio)	CS4398	CS4360+AK4382	AK4385
Frequency response	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)
Frequency response (SA-CD, DVD-A)	4 Hz - 100 kHz (SA-CD); 4 kHz - 88 kHz (DVD-A)	4 Hz - 100 kHz (SA-CD); 4kHz - 88 kHz (DVD-A)	-
Signal to Noise Ratio	120 dB	110 dB	110 dB
Dynamic Range: CD / DVD	110 dB	100 dB	100 dB
Total Harmonic Distortion (THD)	0,0008	0,003	0,003
GENERAL			
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•
Remote Control	RC001DV	RC001DV	RC001DV
Power Consumption	27 W	25 W	9 W
Detachable Power Cable	•	•	•
Maximum Dimensions (W x D x H)	440 x 332 x 128 mm	440 x 319 x 60 mm	440 x 319 x 60 mm
Weight	7.3 kg	4.0 kg	4.0 kg

DVD Players

	DV3002
FEATURES	
MULTICHANNEL/SURROUND	
Decoder: DD / DTS / DTS96/24 / DVD-A / SA-CD	•/-/-/-/-
Virtual surround	•
Headphone surround	-
AUDIO/VIDEO ENHANCEMENTS	
Pal 60 Conversion	•
Progressive Scan: PAL / NTSC	•/•
Video Scaling on HDMI: 480i / 480p / 576i / 576p / 720p / 1080i / 1080P	-/•/-/•/•/•/-
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD / WMA / MP3 / DivX	•/•/-/-/•/•/•
VCD Compatibility: VCD / VCD 2.0 / SVCD	•/•/•
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW / DivX	•/-/•/•/•/•
Image Disc Compatibility: JPEG / Picture CD	•/•
HDAM: Standard / SA / Current Feedback	-/-/-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-/-/-/-
Audio exclusive mode	•
Dedicated High Grade Audio Power Supply	-
Power Transformer: Toroidal / EI	-/-
High Grade Audio Components	-
Customised Components	-
Copper Plated Chassis	-
System block shielding: Copper plated / Metal / none	-/-/•
Chassis : Die-cast / Copper plated / Metal	-/-/•
Double Layer Bottom Plate	-
OTHERS	
HDMI video adjustments	•
Selectable HDMI output level (normal / expand)	•
Analogue Video Adjustment	•
Auto Aspect Ratio	•
Bass-Management (SA-CD/DVD-A)	-/-
Multi Language OSD	•
Multi Channel Down Mix: MPEG2 / DD / DTS / DVD-Audio / SA-CD	•/•/-/-/-
RS232C (control / update)	-/-
INPUTS / OUTPUTS	
VIDEO	
Composite Out	1
S-Video Out	1
Component Out	1
Gold Plated Cinch (Video)	-
Scart (RGB)	1
HDMI (version x.x)	1.0
AUDIO	
Scart	1
Analogue Out (Cinch)	1
Multi channel out (5.1)	-
Gold Plated Cinch	-
Digital Coaxial Out	1
Digital Optical Out	-
OTHER	
D.Bus In /Out	-
RS232C	-
SPECIFICATIONS	
D/A convertion (video)	108 MHz / 12-bit
D/A converter (video)	MTK1389HD
D/A convertion (audio)	192 kHz / 24-bit (all channels)
D/A converter (audio)	AK4385
Frequency response	4 Hz - 44 kHz (DVD fs 96 kHz)
Frequency response (SA-CD, DVD-A)	-
Signal to Noise Ratio	110 dB
Dynamic Range: CD / DVD	100 dB
Total Harmonic Distortion (THD)	0,003
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/•/•
Metal Front Panel	•
Remote Control	RC001DV
Power Consumption	12 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 319 x 60 mm
Weight	3.0 kg

DV7001

DV6001

DV4001

DV3002

RC001DV

TECHNICAL INFORMATION

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Stereo Amplifiers

	PM7001 KI	PM7001	PM6002	PM4001
FEATURES				
Channels	2	2	2	2
Current Feedback Topology	•	•	-	-
Linear Drive Power Supply	•	•	•	•
CCNE	•	•	-	-
Linear volume control	-	-	-	-
Floating control bus system	-	-	-	-
BTL Possibility	-	-	-	-
BI-AMP and Multichannel option	-	-	-	-
Power Transformer: Super-ring / Toroidal / EI	-/•/-	-/-/•	-/•/-	-/-/•
Choke input	-	-	-	-
Shottky diodes	•	•	•	-
HDAM: Standard / SA / SA2 / Current Feedback	-/-/-/•	-/-/-/•	-/-/-/-	-/-/-/-
High Grade Audio Components	•	•	•	•
Customised Components	•	•	•	-
Current Feedback phono equalizer	-	-	-	-
Input buffer amp (all inputs / CD only)	-/•	-/•	-/-	-/-
Construction: Twin mono / 3-Stage circuit	-/-	-/-	-/-	-/-
Symmetric PCB Layout	•	•	-	-
Alminum extrusion heat sink	•	•	•	-
System block shielding: Copper / metal / none	-/-/•	-/-/•	-/-/•	-/-/•
Chassis : Die-cast / Copper plated / Metal	-/•/-	-/-/•	-/-/•	-/-/•
Double Layer Bottom Plate	•	-	-	-
Low noise LCD display	-	-	-	-
Temperature Gauge	-	-	-	-
Balance / Bass / Treble / Loudness	•/•/•/-	•/•/•/-	•/•/•/•	•/•/•/•
Source Direct	•	•	•	•
Speaker A/B	•	•	•	•
Record Selector: full / copy-source	•/-	•/-	•/-	•/-
Standby Mode	•	•	•	•
INPUTS / OUTPUTS				
Audio Inputs	6	6	6	6
Phono Input: MM/MC	•/-	•/-	•/-	•/-
Audio Outputs	2	2	2	2
Balanced In / Out	-/-	-/-	-/-	-/-
Processor In / Out	-	-	-	-
Pre-out / Main-in	•/•	•/•	-/-	-/-
D-Bus In / Out	•	•	•	•
Gold Plated Cinch	•	CD	•	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/-	-/•/-	-/•/-	-/•/-
Floating control bus (3.5 mm mono jack x 2)	-	-	-	-
Headphone Out	•	•	•	•
iPod input (direct / docking station)	-/•	-/•	-/•	-/•
SPECIFICATIONS				
Power Output (8/4 ohm rms)	70/100 W	70/100 W	45/60 W	40/55 W
Power Output (8/4 ohm DIN)	85/130 W	85/130 W	50/65 W	45/60 W
Power Output (8/4 ohm IHF)	95/160 W	95/160 W	60/85 W	55/80 W
Frequency Response	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 50 kHz (+0,-1 dB)	10Hz-50kHz (+0,-1 dB)
Total Harmonic Distortion	0.01%	0.01%	0.01%	0.01%
Bridged Power Output (8 ohm rms)	-	-	-	-
Damping Factor	100	100	100	100
Input Sensitivity: MM	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm
Input Sensitivity: MC	-	-	-	-
Signal to Noise Ratio: MM/MC	85/- dB	85/- dB	80/- dB	80/- dB
Input Sensitivity: High level	200 mV / 20 kohm	200 mV / 20 kohm	170 mV / 20 kohm	170 mV / 20 kohm
Signal to Noise Ratio: High level / Main In	88 / 107 dB	88 / 107 dB	87 dB / -	80 dB / -
GENERAL				
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•	•
Power Consumption (EN60065)	250 W	250 W	130 W	120 W
Detachable Power Cable	•	•	•	-
Remote Control	RC002PM	RC002PM	RC002PM	RC002PM
System Remote Function	System	System	System	System
Maximum Dimensions (W x D x H)	440 x 364 x 123 mm	440 x 364 x 123 mm	440 x 343 x 116 mm	440 x 343 x 116 mm
Weight	11.0 kg	10.5 kg	7.1 kg	6.6 kg

RC002PM

SA-CD Players/ CD-Players

	SA7001 KI	SA7001	CD6002	CD5001
FEATURES				
Disc Capacity	1	1	1	1
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3	•/•/•/-/-	•/•/•/-/-	•/•/-/•/•	•/•/-/-/-
SA-CD compatibility: Multi channel / stereo	-/•	-/•	-/-	-/-
CD-Text / SA-CD Text / MP3 ID3 Tag / WMA Meta Tag	-/•/-/-	-/•/-/-	•/-/•/•	•/-/-/-
High Grade Audio Components	•	•	•	•
Customised Components	•	•	•	-
Symmetric circuit layout	•	•	•	-
Power Transformer: Super-ring / Toroidal / EI	-/•/-	-/-/•	-/-/•	-/-/•
HDAM: Standard / SA / Current Feedback	•/-/•	•/-/•	•/-/•	-/-/-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-/-/-/•	-/-/-/•	-/-/-/•	-/-/-/-
Shottky diodes	•	-	•	-
Zero Impedance Matching joint (copper)	•	-	-	-
Separated rectifier circuit for analogue and digital circuitry	•	•	•	-
Digital out circuit off / Audio EX Mode	-/-	-/-	-/•	-/-
Display: Dimmer / Off	•/•	•/•	-/•	-/•
Buffer amplifier for headphone output	•	•	•	•
Chassis : Die-cast / Copper plated / Metal	-/•/-	-/-/•	-/-/•	-/-/•
Extra metal plate for chassis strengthing	•	•	•	-
RS-232C (control / update)	-/-	-/-	-/-	-/-
PLAYBACK				
Program Play	30	30	30	30
Auto Music Scan (AMS)	•	•	•	•
Repeat: track / program / A-B	•/•/•	•/•/•	•/•/•	•/•/•
Random Play	•	•	•	•
Peak Search	-	-	•	•
Edit Recording	-	-	•	•
Sync Recording	-	-	-	•
Pitch Control	-	-	•	•
Start Sound Mode for SA-CD	•	•	-	-
Quick Replay	• (10/20/30 sec.)	• (10/20/30 sec.)	• (5-60 sec.)	• (10 sec.)
INPUTS / OUTPUTS				
Analogue Out (Cinch L + R)	1	1	1	1
Digital Optical Out	1	1	1	1
Digital Coaxial Out	1	1	1	1
Gold plated Cinch	•	•	•	•
D-Bus In / Out	•	•	•	•
RS-232C	-	-	-	-
Headphone Out	•	•	•	•
Headphone Volume Control	•	•	•	•
SPECIFICATIONS				
Mechanism	FG-SA7001	FG-SA7001	KSS-213CCM	KSS-213CCM
Decoder	CXD1885Q	CXD1885Q	TC94A70FG	TC9462F
D/A Conversion	DSD	DSD	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC	CS4397	CS4397	CS4398	CS4392
Digital Filter	CS4397	CS4397	CS4398	CS4392
Noise Shaper	CS4397	CS4397	CS4398	CS4392
Low Pass Filter stage	HDAM	HDAM	HDAM	NJM2068
Output Buffer	HDAM	HDAM	HDAM	-
Headphone amp	NJM2114	NJM4560	NJM2068	NJM4556
SA-CD AUDIO				
Frequency Response (Cust.)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	-	-
Dynamic Range (SA)	112 dB	112 dB	-	-
Signal to Noise Ratio (SA)	112 dB	112 dB	-	-
Total Harmonic Distortion (SA)	0.0015	0.0015	-	-
Channel Separation (SA)	108 dB	108 dB	-	-
CDDA AUDIO				
Frequency Response	2 Hz - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 KHz	20 Hz - 20 KHz
Dynamic Range	> 100 dB	> 100 dB	100 dB	100 dB
Signal to Noise Ratio	111 dB	111 dB	111 dB	110 dB
Total Harmonic Distortion	0.002	0.002	0.002	0.0025
Channel Separation	110 dB	110 dB	100 dB	100 dB
GENERAL				
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•	-/-/•/•	-/-/•/•
Metal Front Panel	•	•	•	•
Remote Control	RC001CD	RC001CD	RC001CD	RC001CD
Power Consumption	19 W	19 W	19 W	14 W
Detachable Power Cable	•	•	•	-
Maximum Dimensions (W x D x H)	440 x 335 x 128 mm	440 x 335 x 128 mm	440 x 283 x 87 mm	440 x 283 x 87 mm
Weight	8.0 kg	6.3 kg	4.7 kg	4.0 kg

RC001CD

TECHNICAL INFORMATION

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CD Changer

	CC4001
FEATURES	
Disc Capacity	5
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3	•/•/-/-/•
SA-CD compatibility: Multi channel / stereo	-/-
CD-Text / SA-CD Text / MP3 ID3 Tag / WMA Meta Tag	-/-/-/-
High Grade Audio Components	•
Customised Components	-
Symmetric circuit layout	-
Power Transformer: Super-ring / Toroidal / EI	-/-/•
HDAM: Standard / SA / Current Feedback	-/-/-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-/-/-/-
Shottky diodes	-
Zero Impedance Matching joint (copper)	-
Separated rectifier circuit for analogue and digital circuitry	-
Digital out circuit off / Audio EX Mode	-/-
Display: Dimmer / Off	•/-
Buffer amplifier for headphone output	-
Chassis : Die-cast / Copper plated / Metal	-/-/•
Extra metal plate for chassis strengthing	-
RS-232C (control / update)	•/•
PLAYBACK	
Program Play	32
Auto Music Scan (AMS)	•
Repeat: track / program / A-B	•/•/-
Random Play	•
Peak Search	-
Edit Recording	-
Sync Recording	-
Pitch Control	-
Start Sound Mode for SA-CD	-
Quick Replay	-
INPUTS / OUTPUTS	
Analogue Out (Cinch L + R)	1
Digital Optical Out	1
Digital Coaxial Out	1
Gold plated Cinch	•
D-Bus In / Out	•
RS-232C	•
Headphone Out	•
Headphone Volume Control	•
SPECIFICATIONS	
Mechanism	KSS-213CCM
Decoder	CXD3068Q
D/A Conversion	Multi-bit, Delta-Sigma
DAC IC	CS4392
Digital Filter	CS4392
Noise Shaper	CS4392
Low Pass Filter stage	NJM2068
Output Buffer	NJM2068
Headphone amp	NJM4556
SA-CD AUDIO	
Frequency Response (Cust.)	-
Dynamic Range (SA)	-
Signal to Noise Ratio (SA)	-
Total Harmonic Distortion (SA)	-
Channel Separation (SA)	-
CDDA AUDIO	
Frequency Response	20 Hz - 20 KHz
Dynamic Range	100 dB
Signal to Noise Ratio	100 dB
Total Harmonic Distortion	0.002
Channel Separation	110 dB
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/-/•
Metal Front Panel	•
Remote Control	RC4001CC
Power Consumption	19 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 404 x 114 mm
Weight	6.9 kg

Systems

	CR601	CR401
FEATURES		
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD / WMA / MP3	•/•/•/-/-/-/•	•/•/•/-/-/-/•
Broadcast bands: DAB / FM / MW / LW	•/•/•/-	-/•/•/-
Auto Tuning	•	•
Presets	40FM/AM 59DAB	40FM/AM
RDS: PTY / PS / CT /TA / TP / EON	-/•/•/-/-/- +RT	-/•/•/-/-/- +RT
Tone Control: Bass / Treble / Bass Boost	•/•/-	•/•/-
Clock	•	•
Sleep Timer	•	•
Programmable Timer: Once / Daily / Weekday	•/•/•	•/•/•
INPUTS / OUTPUTS		
AUDIO		
Analogue In / Out	3/2	3/2
Digital Optical In / Out	-/1	-/1
OTHER		
Subwoofer PreOut	•	•
Speaker Terminal: click fit / Screw	1/-	1/-
Headphone Out	1	1
I-Pod input (direct / docking station)	-/•	-/•
SPECIFICATIONS		
AUDIO SECTION		
Power Output	30 W (4 ohm)	30 W (4 ohm)
Number of channels	2	2
Freq. Response (Analogue In)	10 Hz - 50 kHz	10 Hz - 50 kHz
Signal to Noise Ratio (audio)	97 dB	97 dB
Total Harmonic Distortion (audio)	0.2%(1 kHz)	0.2%(1 kHz)
DAB SECTION		
Receiving Range (Band III / Band L)	•/•	-/-
TUNER SECTION FM		
Frequency Range FM	87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo) FM	66/55 dB	66/55 dB
Total Harmonic Distortion (Mono / Stereo) FM	0.4/0.46%	0.4/0.46%
TUNER SECTION AM		
Frequency Range AM	522 - 1611 kHz	522 - 1611 kHz
Signal to Noise Ratio AM	35 dB	35 dB
GENERAL		
Available colours: Platinum / Gold / Silver /Black	-/-/•/•	-/-/•/•
Metal Front Panel	•	•
Remote Control	Yes	Yes
Power Consumption	75 W	75 W
DAB antenna included	•	-
Maximum Dimensions (W x D x H)	210 x 336 x 146 mm	210 x 336 x 146 mm
Weight	5.7 kg	5.7 kg

Dual Cassette Deck

	SD4051
FEATURES	
Tape Transports (full logic)	2
Auto Reverse	•
DC Servo Controlled	•
Super-hard Permalloy Heads	•
Dolby B/C	•/-
2-Speed Synchro Reverse Dubbing	•
MPX filter	•
Dolby HX Pro	•
Automatic Tape Selector	•
Synchronized CD Recording	•
Quick Music Search	•
Pitch Control Playback (Deck A)	•
Peak Level Meters	•
Auto Continues Play	•
Timer Record & Play	•
SPECIFICATIONS	
Rewind Time	110 sec., C-60 cassette
Signal to Noise Ratio (3% THD)	> 74 dB
Recording Bias	100 kHz
Frequency Response	25-18 kHz, +/- 3 dB
Wow & Flutter	0.09% WRMS, +/- 0.1% w.Peak
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/-/•
IR receiver built in	•
Power Consumption	16 W
Maximum Dimensions (W x D x H)	440 x 286 x 124 mm
Weight	4.0 kg

Tuner

	ST7001	ST6001
FEATURES		
Broadcast bands: DAB / FM / MW / LW	•/•/•/-	-/•/•/•
Dual Gate MOS-FET	-	•
Phase Lock Loop Synthesizer	•	-
IF Bandwidth Selector	-	•
Customised Components	•	•
Presets	100(DAB)/100(FM/AM)	30(FM)/30(AM)
Auto Tuning	•	•
RDS: PTY / PS / CT / TA / TP / RT	•/•/•/-/•/•	•/•/•/•/•/•
Sleep / Timer	•/•	•/•
Birdy Whistle Elimination Circuitry	•	•
Display dimmer	•	• (via external RC)
DAB Features		
DRC	•	-
Digital filter	AD1852	-
D/A Converter	192kHz/24bit	-
IN/OUTPUTS		
Analogue Out	1	1
D-Bus In / Out	1/1	1/-
DAB terminal (1F)	1	-
FM Antenna	1	2 (A/B)
AM Antenna	1	1
Digital Outputs: Coaxial / Optical	1/1	-/-
RDI output: Coaxial / Optical	-/1	-/-
SPECIFICATIONS		
DAB SECTION		
Receiving Range (Band III / Band L)	•/•	-/-
Signal to Noise Ratio DAB (Mono / Stereo)	103 dB	-
Total Harmonic Distortion DAB	0.007%	-
Frequency response DAB	5 Hz - 20k Hz (+0.5 / -0.5 dB)	-
Stereo Separation DAB	100dB	-
TUNER SECTION FM		
Frequency Range	87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)	74 / 68 dB	80 / 75 dB
Total Harmonic Distortion (Mono / Stereo)	0.2 / 0.3%	0.08 / 0.15%
Frequency response	20 Hz-15 kHz (+0.5 dB / -1dB)	20 Hz - 15 kHz (+0,5 dB / -3 dB)
Channel Selectivity (FM)	50 dB ± 400 kHz	65 dB
Usable Sensitivity	IHF 1.1 µV / 12.2 dBf	IHF 1.2 µV / 16.4 dBf
Stereo Separation	1 kHz, 43 dB (Stereo)	1 kHz, 50 dB (Stereo)
TUNER SECTION AM		
Frequency Range: MW / LW	522-1611 kHz / -	522-1620 / 146-290 kHz
Signal to Noise Ratio: MW / LW	53 / - dB	50 / 45 dB
GENERAL		
Available colours: Platinum / Gold / Silver / Black	-/-/•/•	-/-/•/•
Metal Front Panel	•	•
Remote Control	RC7001ST	via D-Bus
Power Consumption	12 W	8.6 W
Detachable Power Cable	•	-
Maximum Dimensions (W x D x H)	440 x 360 x 78 mm	440 x 312 x 97 mm
Weight	4.1 kg	4.0 kg

Turntable

	TT42
FEATURES	
Motor	DC Servo
Drive System	Belt Drive
Operation	Full Automatic
Speed	33-1/3 & 45 RPM
Stylus (MM / MC)	•/-
Stylus version	DN251S
SPECIFICATIONS	
Rated Output	4 mV / 1 kHz
Freq. Range	20 Hz - 18k Hz
S/N	65dB
GENERAL	
Available colours: Black	•
Maximum Dimensions (W x D x H)	420 x 360 x 137 mm
Weight	5.4 kg

Stereo Receiver

	SR4021
AMPLIFIER FEATURES	
Current Feedback Topology	-
Linear Drive Power Supply	-
CCNE	-
Power Transformer: Super-ring / Toroidal / EI	-/-/•
HDAM: Standard / SA / Current Feedback	-
HDAM cover: Gold plated / Copper plated / Metal / no shield	-
Symmetric PCB Layout	•
Balance / Bass / Treble / Loudness	•/•/•/-
Source Direct	•
Separate Solid Heat Sinks	•
Speaker A/B	•
Record Selector: full / copy-source	-/•
Tape Monitor	-
Phono Input	•
Standby Mode	•
Display Off	•
Display dimmer	•
TUNER FEATURES	
TUNER SECTION	
Broadcast bands: FM / MW / LW	•/•/-
Dual Gate MOS-FET	•
Phase Lock Loop Synthesizer	-
IF Bandwidth Selector	-
High Alternate Channel Selectivity	-
Presets	30
Auto Tuning	•
RDS: PTY / PS / CT / TA / TP	•/•/-/-/•
RDS: EON	-
Station Naming	•
Sleep / Timer	•/-
Birdy Whistle Elimination Circuitry	•
INPUTS / OUTPUTS	
Audio Inputs	8
Phono Input: MM/MC	•/-
Audio Outputs	3
Video inputs	4
Video outputs	2
Digital In / Out	-/-
Processor In / Out	-/-
Pre-out / Main-in	•/•
FM Antenna	1
AM Antenna	1
D-Bus In / Out	•
Gold Plated Cinch	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/-
AC Outlets (Not for UK Model)	•
Headphone Out	•
iPod input (direct / docking station)	-/•
AUDIO SECTION	
Power Output (8/6 ohm rms)	80/100 W
Frequency Response	10 Hz - 65 kHz (-3 dB)
Total Harmonic Distortion	0.08%
Damping Factor	80
Input Sensitivity: MM	2.6 mV
Input Sensitivity: MC	-
Signal to Noise Ratio MM/MC	>70 dB
Input Sensitivity: High level	200 mV / 47 kohm
Signal to Noise Ratio High Level	>95 dB
VIDEO SECTION	
Input level / impedance	1 Vp-p / 75 ohm
Output level / impedance	1 Vp-p / 75 ohm
Video frequency response	5 - 30 MHz
Signal to Noise Ratio	>60 dB
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/•/•
Metal Front Panel	•
Remote Control	RC4021SR
System Remote Function	•
Power Consumption	220 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 388 x 163 mm
Weight	11.7 kg

TECHNICAL INFORMATION

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Remote Controls

	RC9001	RC3001	RC101
FEATURES			
Display: Colour / BW	•/-	-/•	-/-
Touchscreen	•	-	-
Transmission (IR / RF / Wi-Fi / 2-Way)	•/-/•/•	•/•/-/-	•/-/-/-
Learnable: IR/RF	•/-	•/-	•/-
Pre-Programmed (Marantz RC-5 / RC-6)	•	•	•
Pre-Programmed (Other brands)	•	•	•
Pre-programmed for multiroom control (zones)	-	-	3
Direct Access Buttons	22	45	42
Cursor control	•	•	•
Programmable Direct Access Buttons	21	41	28
Transparent graphics	•	-	-
Blending transparency	•	-	-
Device menu	•	-	-
Macro programming: Macro area / any button	-/•	-/•	-/-
Contrast Control: analogue / digital	-/•	-/-	-/-
Label: Device / page	•/•	•/•	-/-
Assignable: Device action / Jumps	•/•	•/•	-/-
Adjustable font size	•	-	-
Backlight Screen: White / Amber	•/-	•/-	-/-
Backlight Hard Buttons: Blue / Amber	•/-	•/-	-/•
PC Editing Program	Wizz.it EX	Wizz.it 3	-
PC Connection (USB)	•	•	-
Clock / date indication	•/•	•/-	-/-
24h Timer	-	•	-
Sleep Timer	-	•	-
Motion Sensor	•	-	-
Universal DB	•	-	-
RF Receiver (included / optional)	-/•	•/-	-
SPECIFICATIONS			
LCD Screen Size (W x H)	74 x 56 mm	52 x 29 mm	-
Resolution	640 x 480	7x (11 x 81)	-
Number of Colours	65536	-	-
Greyscale Levels	-	-	-
Memory Size	64 MB	4 MB	-
IR Operating Distance	5 m	5 m	5 m
IR Angle	+-45°	+-30°	+-30°
IR Carrier frequency	17 kHz - 1 MHz	Up to 100 kHz	<80 kHz
RF Carrier Frequency	2.4 GHz (802.11 b/g)	433.92 MHz	-
Number of Commands per Macro	10000	1600	-
ACCESSORIES			
Recharging: Dock Station / Power adaptor	•/•	-/•	-
Cable for PC Connection: USB	•	•	-
Rechargeable battery / Normal battery	Li Polymer/-	NIMH/-	-/•
GENERAL			
Colour: Silver / Black	•/-	-/•	-/•
Dimensions (W x H x D)	166 x 100 x 32 mm	227 x 54 x 20 mm	224 x 50 x 24 mm
Weight (With Batteries)	320 g	200 g	150 g

Remote Extenders

	RX8001	RX9001
FEATURES		
System Control via CAT5 / Wireless	•/• (RC9001)	•/-
Customization via Webserver	•	•
Network mode	DHCP, Fixed IP	DHCP, Fixed IP
Addressable IR Emitter outputs	4	4
Adjustable IR output level	•	•
IR code range	25 kHz - 1 Mhz	25 kHz - 1 Mhz
RS232 serial interface	-	4
Relay outputs	-	4 (max 48 V / 2 A)
DC Output	-	1 (5V / 0.3 A)
Power sense input	-	4 (4 - 30 V)
Status indication	2 LED	19 LED
ACCESSORIES		
AC adaptor	5V DC / 2A	5V DC / 2A
Crossover configuration cable	•	•
IR Emitter	2x Dual IR	2x Dual IR
Mini-jack IR cable	2	2
Rackmount kit	-	•
GENERAL		
Colour	black	black
Dimensions (W x D x H)	157 x 33 x 100 mm	428 x 46 x 240 mm
Weight	178 g	175 g

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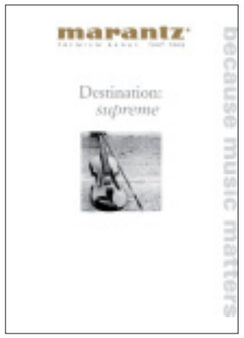

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